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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number

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HEREWITH

First Named Inventor

Baker, Jr., Clark R., et. al.

Art Unit

Examiner Name

Attorney Docket Number

09103-009632US

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓	1	US-3,647,299	03/07/1972	Lavallee	
	2	US-3,704,706	12/05/1972	Hertzfeld et al.	
	3	US-4,063,551	12/20/1977	Sweeney	
	4	US-4,086,915	05/02/1978	Kofsky et al.	
	5	US-4,095,117	06/13/1978	Nagy	
	6	US-4,407,280	10/04/1983	Wilber	
	7	US-4,537,200	08/27/1985	Widrow	
	8	US-4,549,551	10/29/1985	Dyck et al.	
	9	US-4,621,643	11/11/1986	New, Jr., et al.	
	10	US-4,649,505	03/10/1987	Zinser, Jr. et al.	
	11	US-4,700,708	10/20/1987	New, Jr., et al.	
	12	US-4,705,049	11/10/1987	John	
	13	US-4,723,294	02/02/1988	Taguchi	
	14	US-4,763,282	08/09/1988	Rosenberg	
	15	US-4,770,179	09/13/1988	New, Jr., et al.	
	16	US-4,773,422	09/27/1988	Isaacson et al.	
	17	US-4,799,493	01/24/1989	DuFault	
	18	US-4,800,495	01/24/1989	Smith	
	19	US-4,802,486	02/07/1989	Goodman et al.	
	20	US-4,819,752	04/11/1989	Zelin	
	21	US-4,824,242	04/25/1989	Frick et al.	
	22	US-4,848,901	07/18/1989	Hood, Jr.	
	23	US-4,860,759	08/29/1989	Kahn et al.	
	24	US-4,863,265	09/05/1989	Flower et al.	
	25	US-4,867,571	09/19/1989	Frick et al.	
	26	US-4,869,253	09/26/1989	Craig, Jr. et al.	
	27	US-4,869,254	09/26/1989	Stone et al.	
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	29	US-4,892,101	01/09/1990	Cheung et al.	
	30	US-4,907,594	03/13/1990	Muz	
	31	US-4,911,167	03/27/1990	Corenman et al.	
	32	US-4,927,264	05/22/1990	Shiga et al.	
	33	US-4,928,692	05/29/1990	Goodman et al.	
	34	US-4,934,372	06/19/1990	Corenman et al.	
	35	US-4,948,248	08/14/1990	Lehman	
	36	US-4,949,710	08/21/1990	Dorsett et al.	
✓	37	US-4,955,379	09/11/1990	Hall	
✓	38	US-4,956,867	09/11/1990	Zurek et al.	

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		Number	Kind Code <sup>2</sup> (if known)			
EB	39	US-4,958,638		09/25/1990	Sharpe et al.	
	40	US-4,960,126		10/02/1990	Conlon et al.	
	41	US-5,025,791		06/25/1991	Niwa	
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	45	US-5,078,138		01/07/1992	Stone et al.	
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	55	US-5,482,038		01/09/1996	Diab et al.	
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	65	US-5,769,785		08/23/1998	Diab et al.	
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	67	US-6,157,850		12/05/2000	Diab et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
EB	68	DE	3328862	A1	02/28/1985			<input type="checkbox"/>
EB	69	EP	0 341 327	A1	11/15/1988			<input type="checkbox"/>

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Baker, Jr., Clark R., et. al.

09103-009632US

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<i>EB</i>	70	GB	2 168 328		04/30/1988			<input type="checkbox"/>
<i>EB</i>	71	GB	2 235 288		02/27/1991			<input type="checkbox"/>
<i>EB</i>	72	WO	92/15955	A1	09/17/1992			<input type="checkbox"/>
<i>EB</i>	73	SU	1674798	A1	09/07/1991			<input type="checkbox"/>

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Filing Date	HEREWITH
First Named Inventor	Baker, Jr., Clark R., et. al.
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Examiner Name	
Attorney Docket Number	09103-009632US

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EB	74	BROWN, "Evaluation of Pulse Oximeters using Theoretical Models and Experimental Studies," Cover page-p.2 (1987)	
	75	BROWN, Robert Grover and HWANG, Patrick Y.C., <i>Introduction to Random Signals and Applied Kalman Filtering</i> , (2nd Ed.), (1992), pp. 231-232, 261, John Wiley & Sons, Inc., New York, NY	
	76	CHEN et al., "Adaptive System for Processing of Electrogastric Signals," <i>IEEE Engineering in Medicine &amp; Biology Society, 11th Annual International Conference</i> , (1989), pp. 698-699	
	77	COHEN, A., <i>Biomedical Signal Processing, Volume I, Time and Frequency Domains Analysis</i> , pp. 152-159, CRC Press, Inc., Boca Raton, FL	
	78	HARRIS et al., "Digital Signal Processing with Efficient Polyphase Recursive All-Pass Filters," <i>International Conf. on Signal Processing</i> , (1991), Florence, Italy	
	79	HENDRY, S.D., "Computation of Harmonic Comb Filter Weights," <i>IEEE Transactions on Signal Processing</i> , (1993), pp. 1677-1680, Vol. 41, No. 4	
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	81	KLIMASIAUSKAS, "Neural Nets and Noise Filtering," <i>Dr. Dobbs Journal</i> , 14(1):32-48 (1989)	
	82	MOOK et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation," <i>Clinical Chemistry Acta</i> , 26:170-173 (1969)	
	83	MOOK et al., "Spectrophotometric determination of oxygen saturation of blood independent of the presence of indocyanine green," <i>Cardiovascular Research</i> , (1979) 13:233-237	
	84	NEHORAI, A., "A Minimal Parameter Adaptive Notch Filter with Constrained Poles and Zeros," <i>IEEE on Acoustics, Speech, and Signal Processing</i> , (1985), pp. 983-996, Vol. 33, No. 4	
	85	NEHORAI, A. and PORAT, B., "Adaptive Comb Filtering for Harmonic Signal Enhancement," <i>IEEE on Acoustics, Speech, and Signal Processing</i> , (1986), pp. 1124-1138, Vol. 14, No. 5	
	86	NEUMAN, "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations," <i>CONTINUOUS TRANSCUTANEOUS MONITORING</i> , (1987), pp. 135-144	
	87	RABINER et al., "Theory and Application of Digital Signal Processing," (1975), p. 280, Prentice Hall, Inc., Englewood Cliffs, NJ	
EB	88	SEVERINGHAUS, "Pulse Oximetry Uses and Limitations," ASA Convention in New Orleans, LA (1989), pp. 1-3	

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

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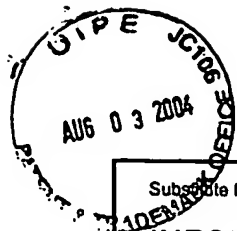
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	Art Unit		
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	Attorney Docket Number		09103-009632US

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	89	STRANG, Gilbert, <i>Introduction to Applied Mathematics</i> , (1986), pp.148-152, Wellesley Cambridge Press, Wellesley, MA	
	90	VARANINI et al., "A Two-Channel Adaptive Filtering Approach for Recognition of the QRS Morphology," <i>COMPUTERS IN CARDIOLOGY</i> , IEEE Computer Society Press, (1992), pp. 141-144	

Examiner Signature		Date Considered	08/07/06
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		Application Number	10/806,647		
		Filing Date	March 22, 2004		
		First Named Inventor	Clark R. Baker, Jr.		
		Art Unit	3736		
		Examiner Name	Unassigned		
Sheet	1	of	1	Attorney Docket Number	009103-009632US

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EH	1	Testimony of Mohammed Diab, Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 24, 2004, pp. 626-710, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	2	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Afternoon Session, Feb. 24, 2004, pp. 711-806, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	3	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 25, 2004, pp. 807-826, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	4	Joint Exhibits: JTX-5009, JTX-5010, JTX-5013, JTX-5014, JTX-5015, JTX-5017, JTX-5021, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	5	Testimony of James Edward Corenman, Testimony of Clark Raymond Baker, Jr., Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Afternoon Session, March 3, 2004, pp. 1696-1795, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
SB	6	Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Morning Session, March 4, 2004, pp. 1796-1884, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	

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